CORRES. CONTROL
OUTGOING LTR NO.

DOE ORDER # None

96RF03166

DIST.	LTR	ENC
Bengal, P.		
Benson, C. A.		
Buddy, M. S.		
Burdelik, W. J.		
Evans, C. S.		
Findley, M.		
Guinn, L.		
Hopkins, J.		
Jenkins, K.		
Jierree, C.		
Konwinski, G.		
Law, J. E.	X	X
Ledford, J. A.		
Lovseth, T. P.		
Luker, R.S.		
Mast, E. C.		
McAnally, J. L.	X	X
Motyl, K. M.	X	X
Parker, A. M.	X	X
Peterman, B. D.		
Primrose, A. L.		
Power, A.		
Rukavina, F.		
Steffen, D. E.		
Tyson, A. M.		
Zeile, H.		
Dunstan, L	X	X
Eichweg, R	X	X
Dunn, RP	X	X
Hoffman, F	X	X
RMRS CC (080)	X	X
CORRES.CONTROL	X	X
TRAFFIC		

CLASSIFICATION

UCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER SIGNATURE
DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE
DATE
IN REPLY TO RFP CC NO:
NA
ACTION ITEM STATUS
☐ OPEN ☒ CLOSED
☐ PARTIAL
LTR APPROVALS:

ORIG & TYPIST INITIALS:
LAD dgl
RF-46469 (Rev. 04/96)

1/11

IF100

RMRS Rocky Mountain Remediation Services, L.L.C.
. . . protecting the environment

Rocky Flats Environmental Technology Site
P.O. Box 464
Golden, Colorado 80402-0464
Phone: (303) 966-2678
Fax: (303) 966-8244

RECEIVED

May 22, 1996

96-RF-03166
96-RM-ER-0069-DOE

000062114

David A. Brockman
Assistant Manager
Strategy, Integration & Guidance
DOE, RFFO

Attn: J. Stover

MONTHLY DISCHARGE MONITORING REPORT - NPDES Permit No. CO-0001333 – JLM-083-96

Action: Transmit to EPA and CDPHE

The April 1996 Discharge Monitoring Report (DMR), required by the Rocky Flats Plant National Pollutant Discharge Elimination System (NPDES) Permit, is attached.

No spray irrigation occurred from Pond B-3 during the month of April 1996. There was continuous discharge from Pond B-3 (Outfall 001) and the Sewage Treatment Plant (Outfall STP). The Reverse Osmosis Pilot Plant (Outfall 003 and 004) did not operate nor discharge during this reporting period.

During the month of April, Pond A-3 (Outfall 002) pump discharged from April 4, 1996 through April 8, 1996 to below Pond A-4 as part of the construction activities for Pond A-4. Permission to by-pass Pond A-4 was granted to the Site in a letter from the Environmental Protection Agency (EPA) dated March 12, 1996. Additionally, as part of the de-watering activities for the construction project, Pond A-4 (Outfall 007) was discharged on April 23, 1996. Pond B-5 (Outfall 006) discharged continuously from April 25, 1996 through April 30, 1996. No discharges occurred from Pond C-2 (Outfall 007) during the reporting period.

In a letter dated May 10, 1996 to EPA, notification was made of a non-systematic error in recent monitoring at the Sewage Treatment Plant (Outfall STP). Carbonaceous biochemical oxygen demand 5 day test (CBOD5) measurements on samples collected April 30, 1996 and May 1, 1996 have been reported as unquantifiable by the Site's 881 Analytical Laboratories. We are now reporting the result as a possible exceedance of the daily maximum for CBOD5. No result is available for this parameter so the attached forms will show an asterisk (*) in place of a result. The routine dilution series used in CBOD5 analyses routinely measures an upper detection limit of approximately 25-30 mg/l. All quality assurance and quality control requirements were met for the batch that included this sample, so a laboratory analysis problem does not appear to be a non-systematic error. All other reportable parameters did not indicate abnormal conditions. Attached is a summary of operating parameters measured at the STP during this event. Included in the summary are CBOD5 results from Pond B-3 and the influent of the STP which are typical for these locations. The results from a CBOD5 sample collected at the STP from May 7, 1996 is also unquantifiable. Efforts are underway to evaluate the treatment plant performance, influent waste sources, and other potential causes for an increase in CBOD5 at the STP outfall. A full investigation of the event is being conducted and the results will be reported with the May 1996 DMR. The balance of CBOD5 data available for samples collected after May 7, 1996 show that the STP has returned to operation within permit limitations.

ADMIN RECORD

BZ-A-000478

It is necessary that the Principal Executive Officer sign and date the letter and the DMR forms. Per verbal request of the EPA, forms for those discharge points which were not active are included with the notation of "No Discharge." Additional monitoring data as required by the NPDES Federal Facilities Compliance Agreement is attached on a separate sheet.

The NPDES permit requires that the report be postmarked no later than May 28, 1996, and be sent to the following:

Mr. Don Terrell
8-ENF-T
Water Management Division
U. S. E. P. A., Region VIII
999 - 18th Street, Suite 500
Denver, CO 80202-2466

Colorado Department of Public Health and Environment
Attention: Mr. Robert Shukle
Monitoring and Enforcement Section
WQCD - PE - B2
4300 Cherry Creek Drive South
Denver, CO 80222-1530

If you have any questions or desire additional information, please contact K. M. Motyl at extension 2172.

I certify that, to the best of my knowledge and that of my staff, the information used to fill out the DMR is complete and accurate.

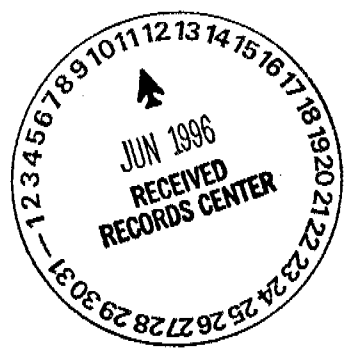
James L. McAnally, President
RMRS, L.L.C.

LAD:dql

Orig. and 1 cc - David A. Brockman

Attachments:
As Stated

cc:
E. Zika - DOE
J. Hill - Kaiser-Hill - w/o Attach.
G. H. Setlock - Kaiser-Hill - " "
D. A. Ward - SSOC - " "



2

April 1996

Sewage Treatment Plant Effluent Metals Data

Metal, total	Result, ug/l 04/02/96 and 04/16/96
Antimony	<23.0
Arsenic	<2.0
Beryllium	<1.0
Cadmium	<0.2
Copper	<3.0
Iron	65.4 B
Lead	<10.0
Manganese	24.3
Mercury	<0.2
Nickel	<20.0
Silver	0.20
Zinc	20.6

B - Absolute value of the analyzed result is less than the Contract Required Detection Limit (CRDL).

Sewage Treatment Plant Effluent Volatile Organic Compound Data

VOC	Result, ug/l 04/02/96
Benzene	<10
Bromoform	<10
Carbon Tetrachloride	<10
Chlorobenzene	<10
Chlorodibromomethane	<10
Chloroethane	<10
Chloroform	2 J
Dichlorobromomethane	<10
1,1-Dichloroethane	<10
1,2-Dichloroethane	<10
1,1-Dichloroethylene	<10
1,2-Dichloropropane	<10
1,3-Dichloropropylene	<10
Ethylbenzene	<10
Methyl bromide	<10
Methyl chloride	<10
Methylene chloride	<10
1,1,2,2-Tetrachloroethane	<10
Tetrachloroethylene	<10
Toluene	<10
1,2-Trans-dichloroethylene	<10
1,1,1-Trichloroethane	<10
1,1,2-Trichloroethane	<10
Trichloroethylene	<10
Vinyl chloride	<10

J - Compound found, but below Practical Quantitation Limit (PQL). Quantitation is estimate.

3

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
NAME USDOE-ROCKY FLATS PLANT
ADDRESS P O BOX 928
GOLDEN CO 80402
FACILITY
LOCATION
ATTN: XXXXXXXXXXXXXXXX David A. Brockman

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

(2-16)	*(17-19)*
C00001333	STP A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

Form Approved.
OMB No. 2040-0004

F - FINAL
DISCHARGE FROM SEWAGE TRMT PT
Continuous discharge 4/1/96 - 4/30/96
*** NO DISCHARGE |__| ***

	MONITORING PERIOD					
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	04	01	TO	96	04	30
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only)* AVERAGE *(46-53)*	MAXIMUM *(54-61)*	UNITS	QUALITY OR CONCENTRATION *(4 Card Only)* MINIMUM *(38-45)*	AVERAGE *(46-53)*	MAXIMUM *(54-61)*	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
PH	SAMPLE MEASUREMENT	******	******		6.7	******	7.4	(12) S.U.	0	7/7	grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	******	******		******	<4	<4	(19) mg/l	0	2/7	comp
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	30 30DA AVG	45 7 DA AVG	MG/L		TWICE/ WEEK	COMPOS
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	******	******		******	******	no discharge	(19) mg/l	N/A	N/A	N/A
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG/L		DAILY	GRAB
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	******		******	2.3	3.3	(19) mg/l	0	2/7	comp
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	8 30DA AVG	12 DAILY MX	MG/L		TWICE/ WEEK	COMPOS
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	******	******		******	<0.005	<0.005	(19) mg/l	0	1/7	comp
01034 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	50 30DA AVG	100 DAILY MX	MG/L		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.15	0.22	(03) MGD	******	******	******		N/A	Contin.	rcord
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTIN UOUS	RCORDR
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	******	******		******	0.01	0.01	(19) mg/l	N/A	7/7	grab
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30DA AVG	REPORT 7 DA AVG	MG/L		DAILY	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
David A. Brockman
Asst. Mgr., DOE, RFFO
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

IF THERE IS A VISIBLE SHEEN OF OIL AND GREASE REPORTED, A GRAB SAMPLE MUST ALSO BE TAKEN AND REPORTED ON THIS DMR. IF NO VISIBLE SHEEN WAS REPORTED THEN OIL AND GREASE, 00556, SHOULD BE REPORTED AS NO ~~DISCHARGE FOR THE MONTH.~~

4

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME USDOE-ROCKY FLATS PLANT
ADDRESS P O BOX 928
GOLDEN CO 80402
FACILITY
LOCATION
ATTN: JAMES XXXXXXXXXXX David A. Brockman

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) C00001333 PERMIT NUMBER
(17-19) STP A DISCHARGE NUMBER

MAJOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-97

F - FINAL
DISCHARGE FROM SEWAGE TRTMT PT
Continuous discharge 4/1/96 - 4/30/96
*** NO DISCHARGE |__| ***
NOTE: Read instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	04	01	TO	96	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	******	******		******	< 1	< 2	(13) #/100	0	2/7	grab
74055 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	200 30DA GEO	400 # 7 DA GEO	ml 100ML		TWICE/WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	******	******		******	4.8	**	(19) mg/l	1	2/7	comp
80082 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	10 30DA AVG	25 DAILY MX	MG/L		TWICE/WEEK	COMPOS
OIL AND GREASE VISUAL	SAMPLE MEASUREMENT	******	0	(94)	******	******	******		0	7/7	visual
84066 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	0 YES=1 INST MAX NO=0		******	******	******	**** ****		DAILY	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

**Possible exceedance of daily maximum as no quantifiable data reportable for 4/30/96

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
David A. Brockman
Asst. Mgr., DOE/RFFO
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE | NUMBER
DATE: YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
IF THERE IS A VISIBLE SHEEN OF OIL AND GREASE REPORTED, A GRAB SAMPLE MUST ALSO BE TAKEN AND REPORTED ON THIS DMR. IF NO VISIBLE SHEEN WAS REPORTED THEN OIL AND GREASE, 00556, SHOULD BE REPORTED AS NO DISCHARGE FOR THE MONTH.

PERMITTEE NAME/ADDRESS (*Include Facility Name/Location if different*)
NAME USDOE-ROCKY FLATS PLANT
ADDRESS P O BOX 928
GOLDEN CO 80402
FACILITY
LOCATION
ATTN: ~~JAMES X HARTMAN~~ David A. Brockman

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (*NPDES*)
DISCHARGE MONITORING REPORT (*DMR*)

(2-16) C00001333 PERMIT NUMBER
(17-19) 001 A DISCHARGE NUMBER

MAJOR
F - FINAL
FROM POND B

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	04	01	TO	96	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Continuous discharge 4/1/96 - 4/30/96
*** NO DISCHARGE |__| ***
NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
BOD, 5-DAY (20 DEG. C) 00310 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	12.4	27.9	(19) mg/l	N/A	1/7	grab
	PERMIT REQUIREMENT	******	****** **** ****		******	REPORT 30DA AVG	REPORT DAILY MX	MG/L		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	7	11	(19) mg/l	N/A	1/7	grab
	PERMIT REQUIREMENT	******	****** **** ****		******	REPORT 30DA AVG	REPORT DAILY MX	MG/L		WEEKLY	GRAB
NITROGEN, NITRATE TOTAL (AS N) 00620 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	2.4	3.7	(19) mg/l	0	1/7	grab
	PERMIT REQUIREMENT	******	****** **** ****		******	10 30DA AVG	20 MX 7D AV	MG/L		WEEKLY	GRAB
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	0.05	(19) mg/l	0	7/7	grab
	PERMIT REQUIREMENT	******	****** **** ****		******	******	0.5 DAILY MX	MG/L		DAILY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	6.4	19.5	(19) mg/l	N/A	1/7	grab
	PERMIT REQUIREMENT	******	****** **** ****		******	REPORT 30DA AVG	REPORT DAILY MX	MG/L		WEEKLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
David A. Brockman Asst. Mgr., DOE/RFFO	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)		AREA CODE / NUMBER	YEAR	MO	DAY
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				

COMMENT AND EXPLANATION OF ANY VIOLATIONS (*Reference all attachments here*)

6

PERMITTEE NAME/ADDRESS (*Include Facility Name/Location if different*)
NAME USDOE-ROCKY FLATS PLANT
ADDRESS P O BOX 928
GOLDEN CO 80402
FACILITY
LOCATION
ATTN: ~~JAMES KAUTMAN~~ David A. Brockman

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (*NPDES*)
DISCHARGE MONITORING REPORT (*DMR*)

(2-16) PERMIT NUMBER: CO0001333
(17-19) DISCHARGE NUMBER: 002 A

MAJOR

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

F - FINAL
DISCHARGE FROM ONLY
Continuous discharge 4/4/96 - 4/8/96
*** NO DISCHARGE |__| ***
NOTE: Read instructions before completing this form.

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	96	04	01	TO	96	04	30

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUALITY OR CONCENTRATION (46-53) AVERAGE	QUALITY OR CONCENTRATION (54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		7.0	******	7.7	(12) S.U.	0	5/5	grab
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		DAILY	GRAB
NITROGEN, NITRATE TOTAL (AS N) 00620 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	1.0	1.3	(19) mg/l	0	5/5	grab
	PERMIT REQUIREMENT	******	******	**** ****	******	TO 30DA AVG	20 DAILY MX	MG/L		DAILY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.75	1.23	(03) MGD	******	******	******		N/A	5/5	instan
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		DAILY	INSTAN
CHROMIUM, TOTAL (AS Cr) 01034 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	< 5.0	ug/l	0	1/30	grab
	PERMIT REQUIREMENT	******	******		******	******	50 DAILY MX	ug/l		once/ month	GRAB
DURATION OF DISCHARGE 81381 1 0 0	SAMPLE MEASUREMENT	******	******		******	******	5	days/ mo	N/A see permit		
	PERMIT REQUIREMENT	******	******		******	******	REPORT MO MAX	DAYS/ MO		SEE PERMIT	NOT AP
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
David A. Brockman
Asst. Mgr., DOE/RFFO
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE | NUMBER
DATE: YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (*Reference all attachments here*)
NO CHANGE FROM REQUIREMENTS PRIOR TO FFCA - SEE PAGE 8 OF THE PERMIT. THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OTHER THAN TRACE AMOUNTS. COMPOSITE SAMPLING FOR NITRATES IS ALLOWED. SEE PERMIT.

PERMITTEE NAME/ADDRESS (*Include Facility Name/Location if different*)
NAME USDOE-ROCKY FLATS PLANT
ADDRESS P O BOX 928
GOLDEN CO 80402
FACILITY
LOCATION
ATTN: XXXXXXXXXXXXXXXX David A. Brockman

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (*NPDES*)
DISCHARGE MONITORING REPORT (*DMR*)

(2-16) PERMIT NUMBER: CO0001333
(17-19) DISCHARGE NUMBER: 005 A

MAJOR
F - FINAL
POND A-4

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

Discharge one day only 4/23/96
*** NO DISCHARGE |__| ***
NOTE: Read instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	04	01	TO	96	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	(4 Card Only) QUALITY OR CONCENTRATION MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	******	0.001	(03) MGD	******	******	******		N/A	1/1	instan
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	****** **** ****		DAILY INSTAN		
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	******	******		******	******	<5.0	(28) ug/l	0	1/30	grab
01034 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	****** **** ****	****** **** ****		******	******	50 DAILY MX	UG/L	ONCE/ MONTH		GRAB
DURATION OF DISCHARGE	SAMPLE MEASUREMENT	******	******		******	******	1	(84) day/mo	see	permit	
81381 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	****** **** ****	****** **** ****		******	******	REPORT DAYS/ NO MAX	MONTH	SEE NOT AP PERMIT		
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
David A. Brockman Asst. Mgr., DOE/RFFO	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)		AREA CODE / NUMBER	YEAR	MO	DAY
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					

COMMENT AND EXPLANATION OF ANY VIOLATIONS (*Reference all attachments here*)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME USDOE-ROCKY FLATS PLANT
ADDRESS P O BOX 928
GOLDEN CO 80402
FACILITY
LOCATION
ATTN: ~~JAMES XXXXXXXXXX~~ David A. Brockman

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) C00001333 PERMIT NUMBER
(17-19) 006 A DISCHARGE NUMBER

MAJOR
F - FINAL
POND B-5

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	04	01	TO	96	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Continuous discharge 4/25/96 - 4/30/96
*** NO DISCHARGE |__| ***
NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	******	1.82	(03) MGD	******	******	******		N/A	6/6	instan
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	*** ****		DAILY	INSTAN
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	******	******		******	******	<5.0	(28) ug/l	0	1/30	grab
01034 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		******	******	50 DAILY MX	UG/L		ONCE/ MONTH	GRAB
DURATION OF DISCHARGE	SAMPLE MEASUREMENT	******	******		******	******	6	(84) days/mo	N/A	see permit	
81381 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		******	******	REPORT DAYS/ MO MAX	MONTH		SEE NOT AP PERMIT	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
David A. Brockman
Asst. Mgr., DOE/RFFO
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE | NUMBER
DATE: YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

PERMITTEE NAME/ADDRESS (*Include Facility Name/Location if different*)
NAME USDOE-ROCKY FLATS PLANT
ADDRESS P O BOX 928
GOLDEN CO 80402
FACILITY
LOCATION
ATTN: XXXXXXXXXXXXXXXX David A. Brockman

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (*NPDES*)
DISCHARGE MONITORING REPORT (*DMR*)

(2-16) PERMIT NUMBER: C00001333
(17-19) DISCHARGE NUMBER: 007 A

MAJOR
F - FINAL
POND C-2

Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	96	04	01	TO	96	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [XX] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	******		(03)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		DAILY	GRAB
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	******	******		******	******		(28)			
01034 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	50 DAILY MX	UG/L		ONCE/ MONTH	GRAB
DURATION OF DISCHARGE	SAMPLE MEASUREMENT	******	******		******	******		(84)			
81381 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT MO MAX	DAYS/ MONTH		SEE PERMIT	NOT AP
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
David A. Brockman
Asst. Mgr., DOE/RFFO
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (*Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.*)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE | NUMBER
DATE: YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (*Reference all attachments here*)

10

NORMALLY MEASURED PERFORMANCE PARAMETERS
AT THE ONSITE SEWAGE TREATMENT PLANT
4/15/96 TO 5/19/96

Date	Effluent CBOD5 (mg/l)	Influent CBOD5 (mg/l)	Pond B-3 CBOD5 (mg/l)	pH Effluent (S.U.)	Flow Rate (gal x 1000)	Chlorine Useage (lbs)	Chlorine Concentration (mg/l)	Average Effluent Turbidity (NTU)	Secondary Clarifier Turbidity (NTU)	Average Blower Speed %	Dissoved O2 Aeration Basin (mg/l)	Mixed Liquor Suspended Solids (mg/l)	Influent Conductivity (ms/cm)
4/15/96				6.9	181	4	1.18	1.492	2.5	28.9	0.4	2777	655
4/16/96	3.1	53.7	1.8	7	156	6	1.31	2.241	7.1	24.7	0.3	2052	656
4/17/96	5.9	50.5		7.1	152	6	1.25	2.11	9.8	27.5	0.5	2941	627
4/18/96				7.1	116	6	1.29	1.676	4.1	32.5	0.2	2764	643
4/19/96				6.7	42	4	1.88	1.314	8.7	29.45	1.05	3426	512
4/20/96				7	66	3	1.42	0.711	5.9	20.1	0.4	4381	533
4/21/96				7	100	5	1.33	0.404	2.2	19.2	0.3	3871	510
4/22/96				7.4	152	7	1.07	0.359	1.5	19	0.2	2969	623
4/23/96	1.8	48.2	2.8	7	186	7	1.21	1.123	6	24.9	0.7	1949	652
4/24/96	4.3	71.5		6.9	164	10	1.01	2.113	7.8	26.4	0.4	2626	663
4/25/96				7	136	7	1.02	1.713	3.8	27	0.2	3417	685
4/26/96				6.9	120	6	1.67	1.915	5	28	0.3	3079	633
4/27/96				6.9	100	6	1.25	1.053	3.8	27.6	0.3	3918	569
4/28/96				6.9	112	6	1.09	0.607	2.8	26	0.2	3245	507
4/29/96				6.8	174	7	1.1	1.084	2.2	26	0.2	3195	550
4/30/96	NSE	102.2	19.5	6.8	220	8	1.4	2.34	5.6	26.1	0.36	2654	574
5/1/96	NSE	114.7		6.7	240	9	1.41	2.518	6.4	31.62	0.65	1740	494
5/2/96				6.9	294	9	1.13	2.408	5.9	28.2	0.22	2244	448
5/3/96				6.7	204	6	1.2	1.21	5	27.4	0.8	2686	402
5/4/96				6.8	128	5	0.85	0.54	1.7	26.43	0.53	2873	497
5/5/96				6.8	128	5	1	0.348	1.4	23.83	0.45	2871	498
5/6/96				6.7	228	9	1.11	0.824	1.4	31.13	0.5	2315	613
5/7/96	NSE	128.7	12.7	6.8	196	7	1.45	1.974	5.8	32.87	0.75	2115	723
5/8/96	15.9	210		7	242	9	1.37	2.682	2.6	32.42	0.65	2771	622
5/9/96				7.1	176	8	1.43	1.99	5.1	27.1	0.41	3172	532
5/10/96				7	212	9	1.03	1.425	4	27.68	0.58	2462	540
5/11/96				6.8	148	7	1.03	1.102	2.6	26.77	0.57	2515	221
5/12/96				6.7	160	6	1.08	0.638	2.5	24.7	0.5	2241	465
5/13/96				7.4	218	8	1.19	0.783	2.8	25.5	0.4	2127	625
5/14/96	3.9	59.9	1.9	7.2	232	8	1.29	1.616	4.4	27.87	0.53	1939	890
5/15/96	4.1	76.3		7.3	186	7	1.34	1.309	3.4	27.8	0.5	2391	594
5/16/96				7.2	152	6	1.48	1.027	2.16	28.6	0.5	2230	580
5/17/96				7.2	116	6	1.11	0.774	2.9	29.18	0.4	2312	949
5/18/96				7.2	104	6	1.17	0.536	2.2	24.9	0.53	2800	515
5/19/96				7.1	120	6	1.25	0.364	3.2	22.4	0.7	2068	462
Period Average	5.6	91.6	7.7	7.0	162	7	1.24	1.32	4.1	26.85	0.46	2,718	579
Normal Range				6.0 - 9.0		7 - 10	0.5 - 1.5	1 - 3	2 - 10	18-35%	0.1 - 1.5	2000 - 3000	200 - 1500

Note: The bolded and italicized dates are those dates with non-systematic errors for daily values for CBOD5.
Pond B-3 CBOD5 results are reported in the monthly DMR, but there is no limitation for this parameter.
Influent CBOD5 are not a permit requirement and are provided as additional information.

5/22/96

Attachment #3
96-RF-03166
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